



REPLACEMENT SHEET

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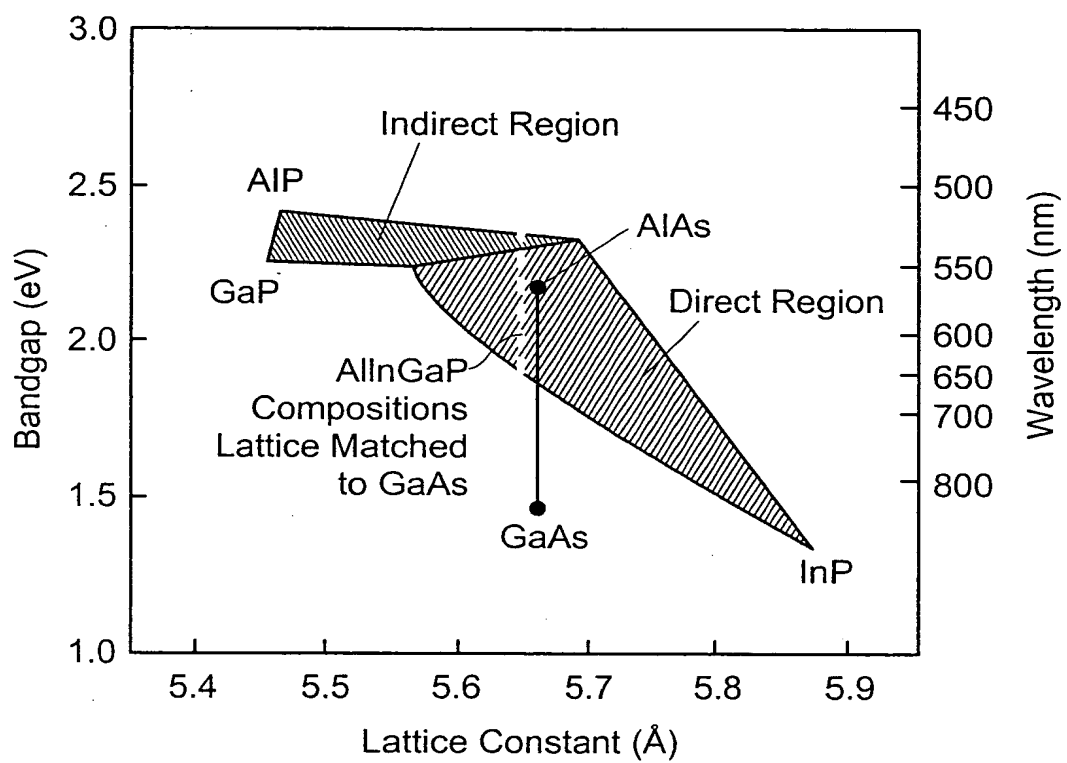


FIG. 1

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	AIP	GaP	InP
a (Å)	5.4672	5.4505	5.8697
E_g (eV)	2.45	2.26	1.35
E_o (eV)	3.56	2.78	1.35
n	3	3.02	3.1

FIG. 2

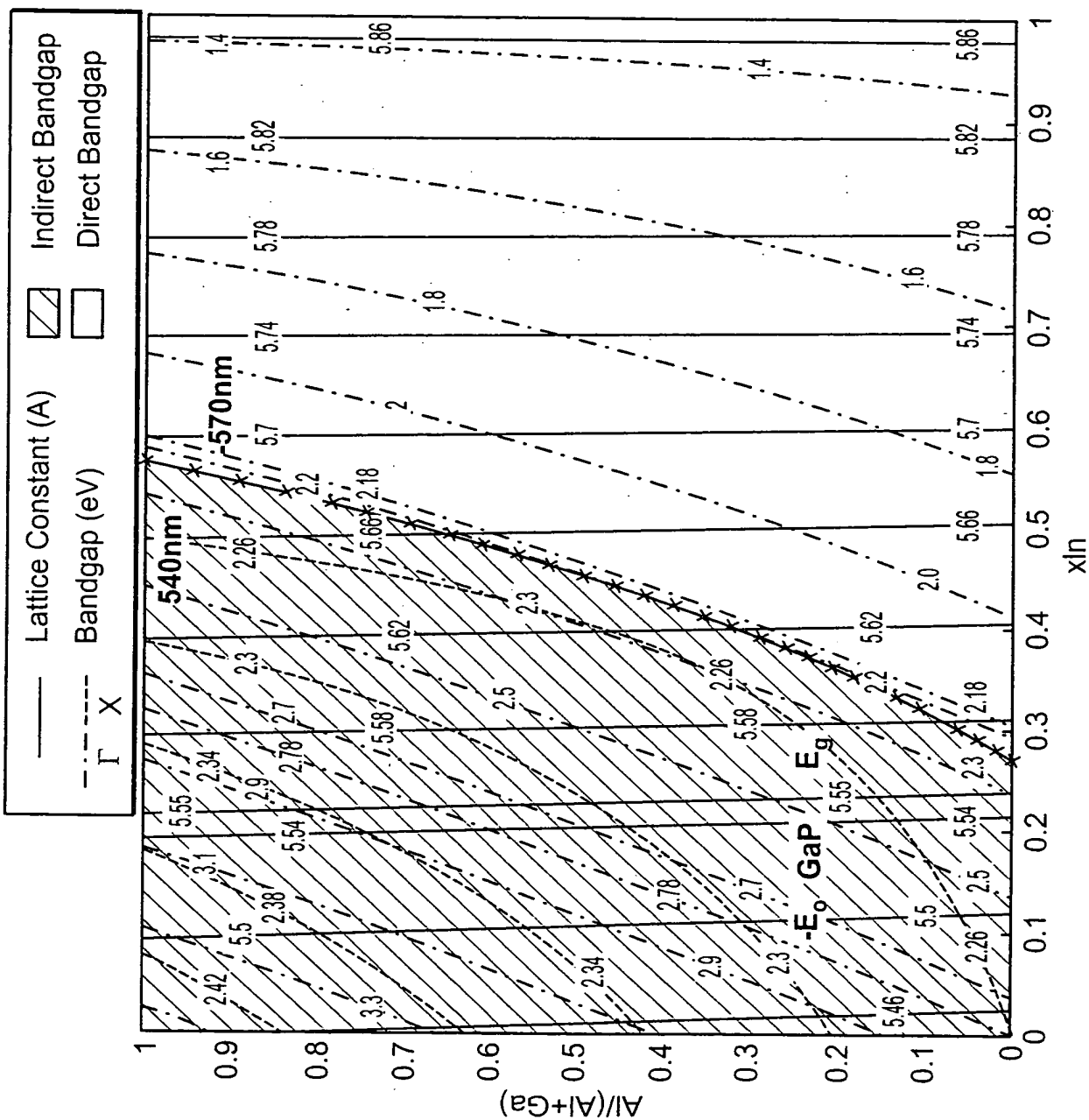


FIG. 3

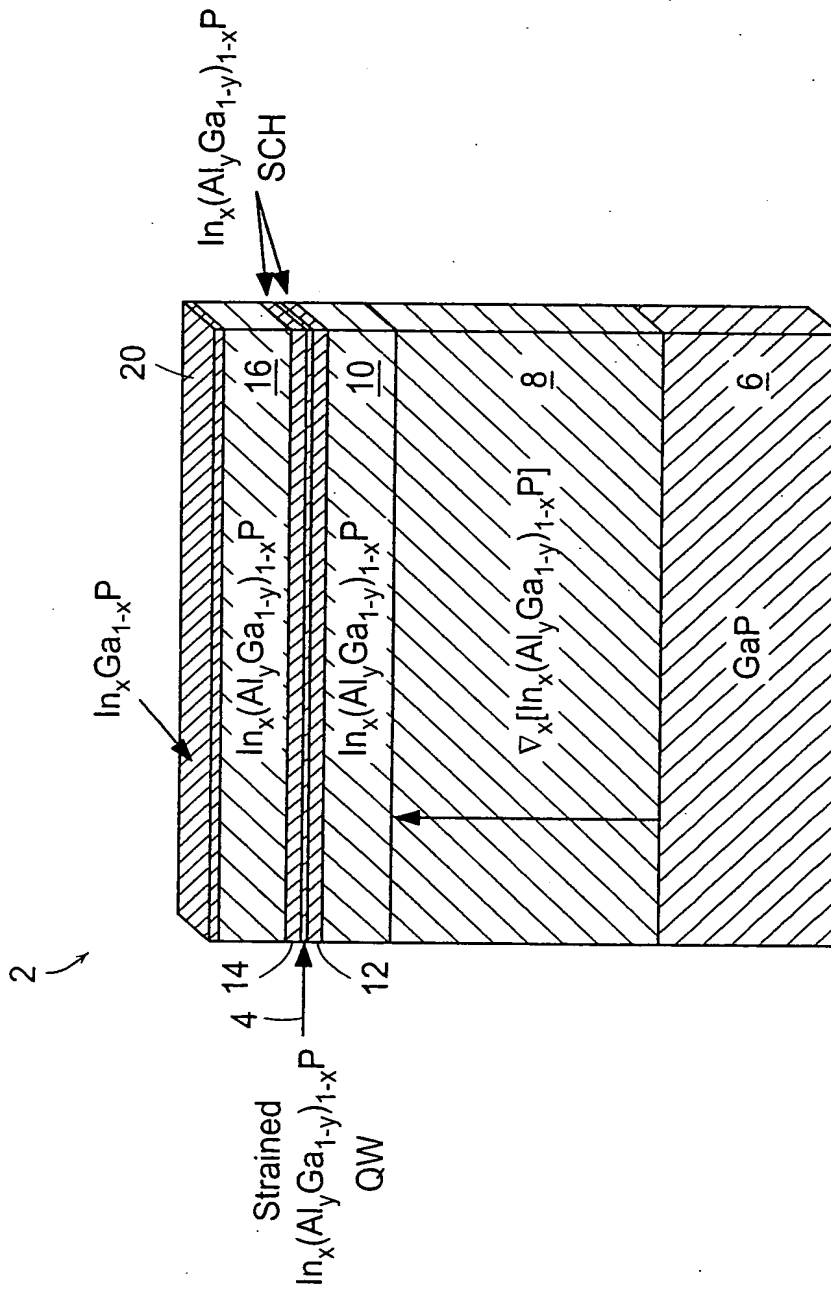


FIG. 4

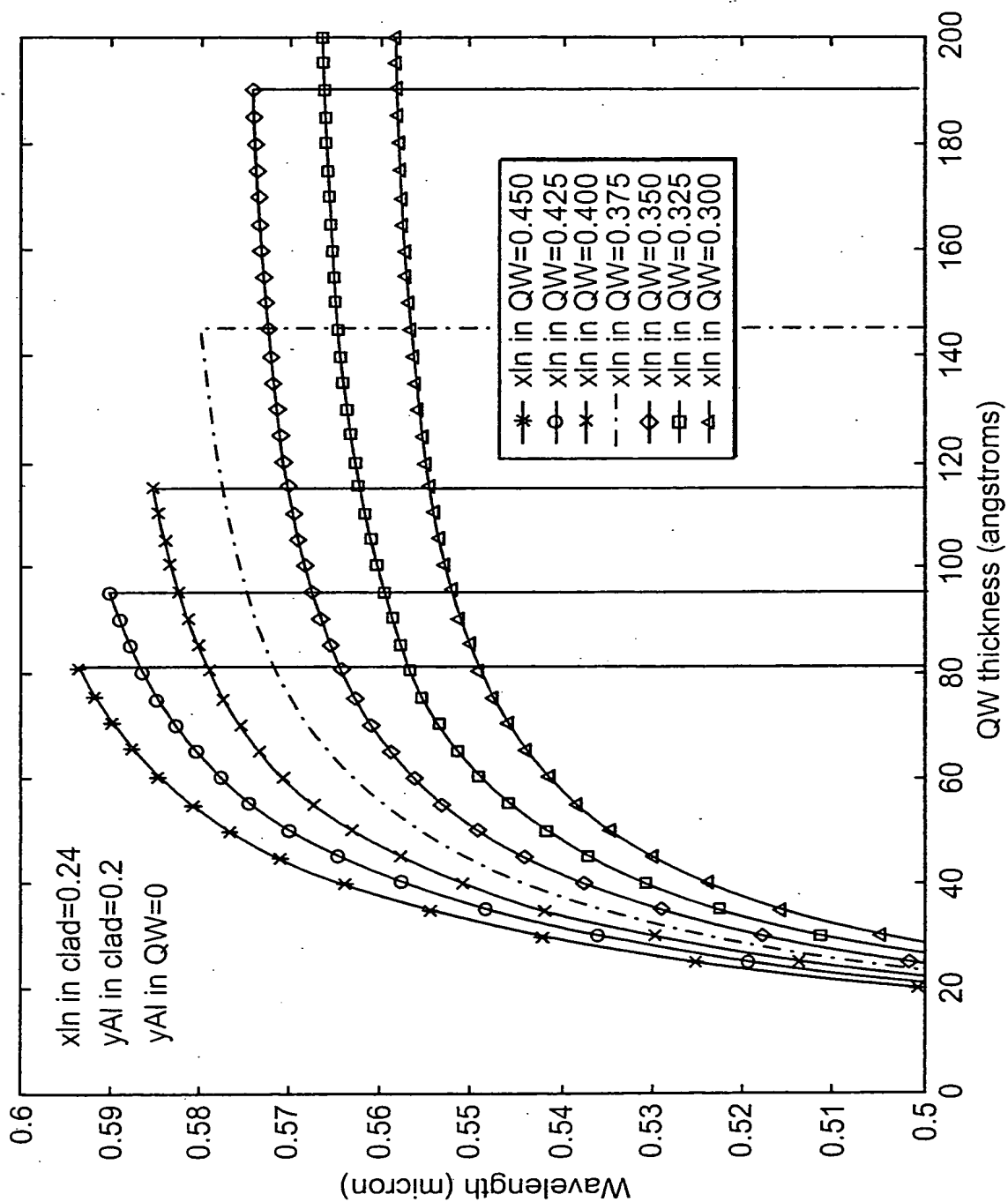


FIG. 5

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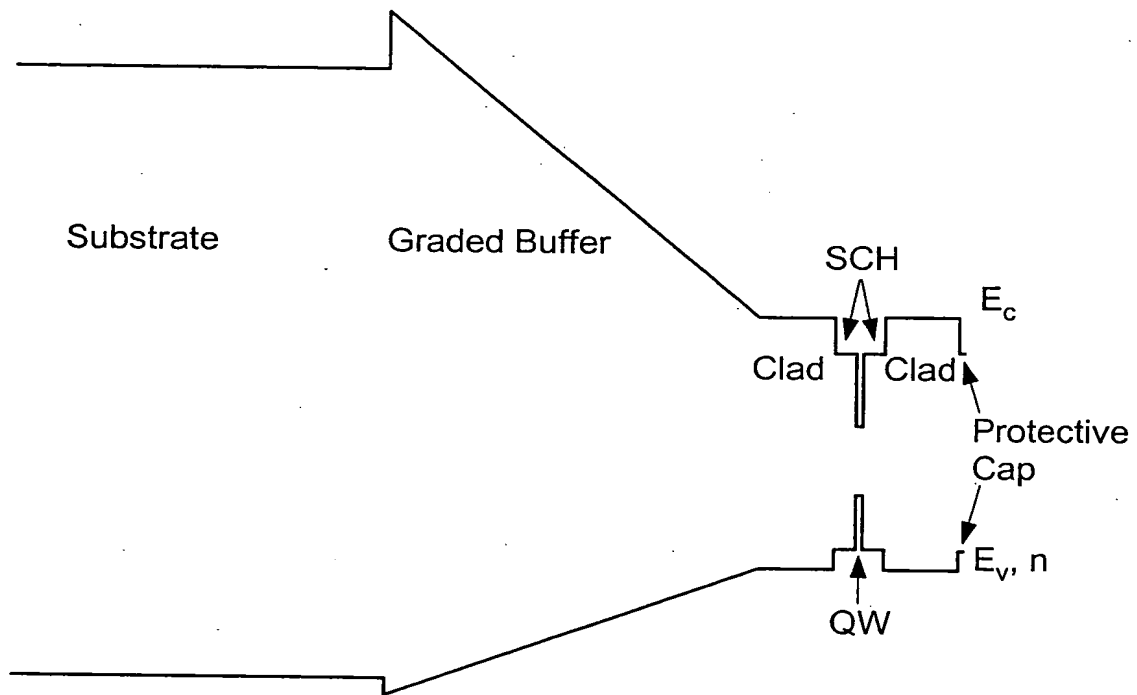


FIG. 6

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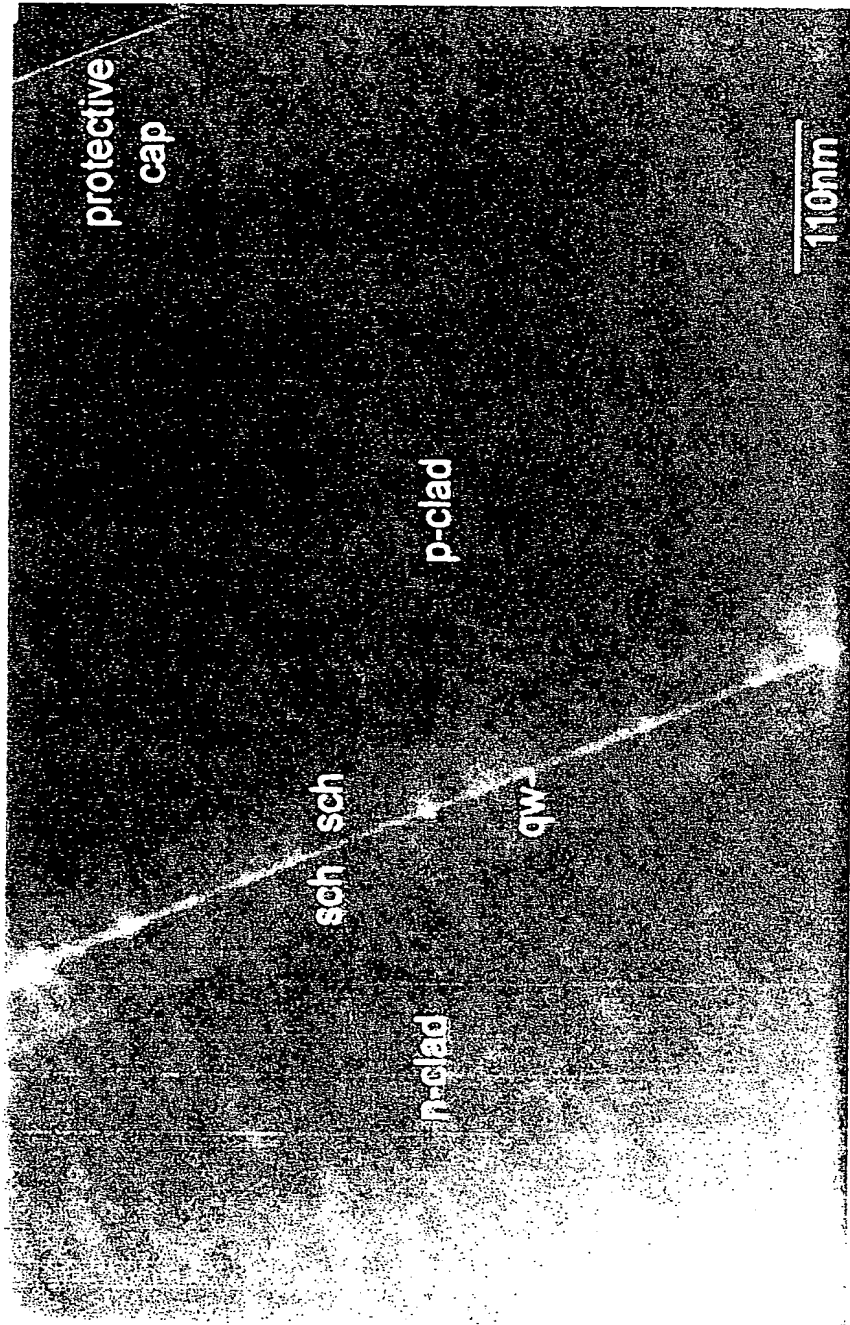


FIG. 7

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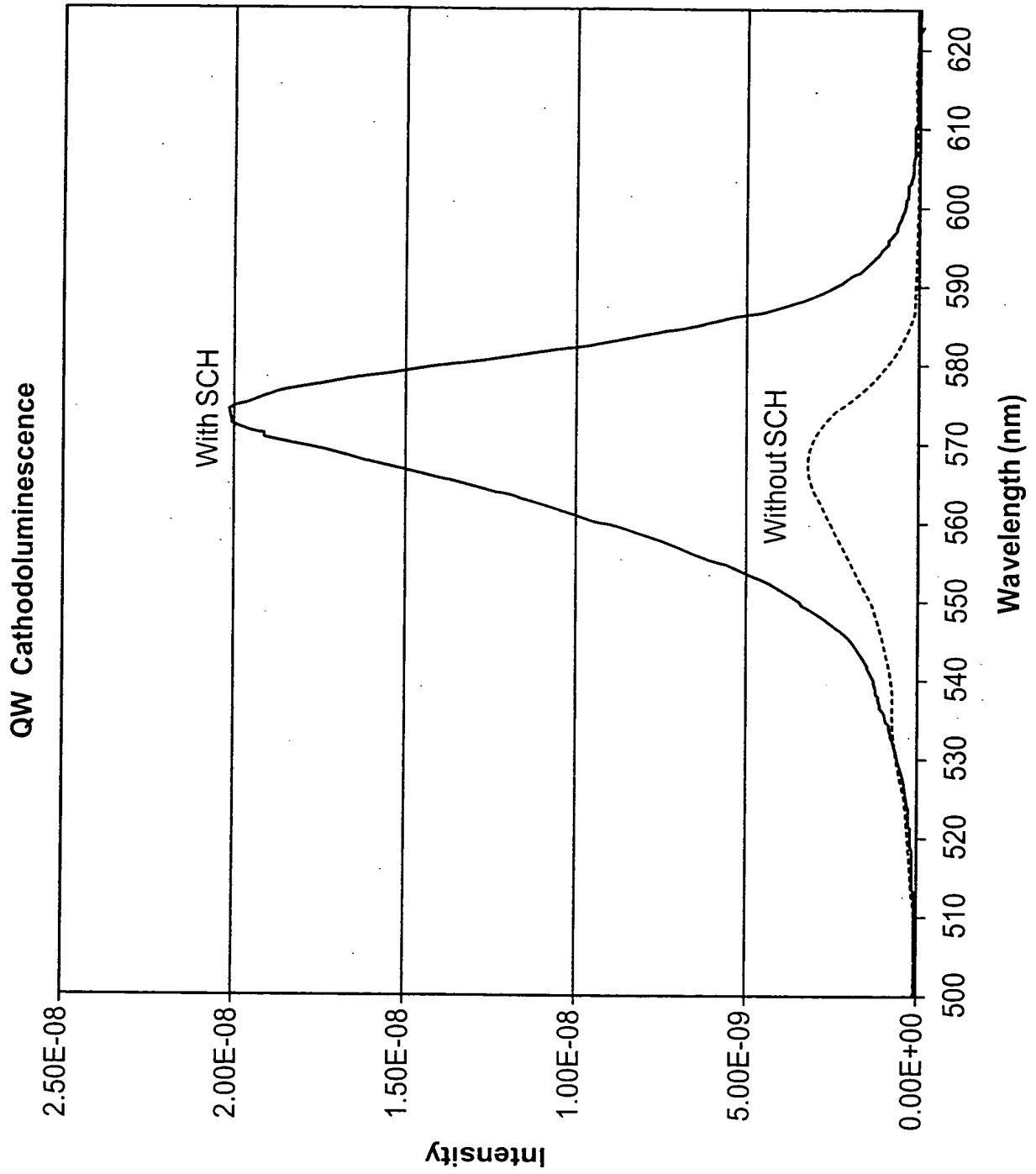
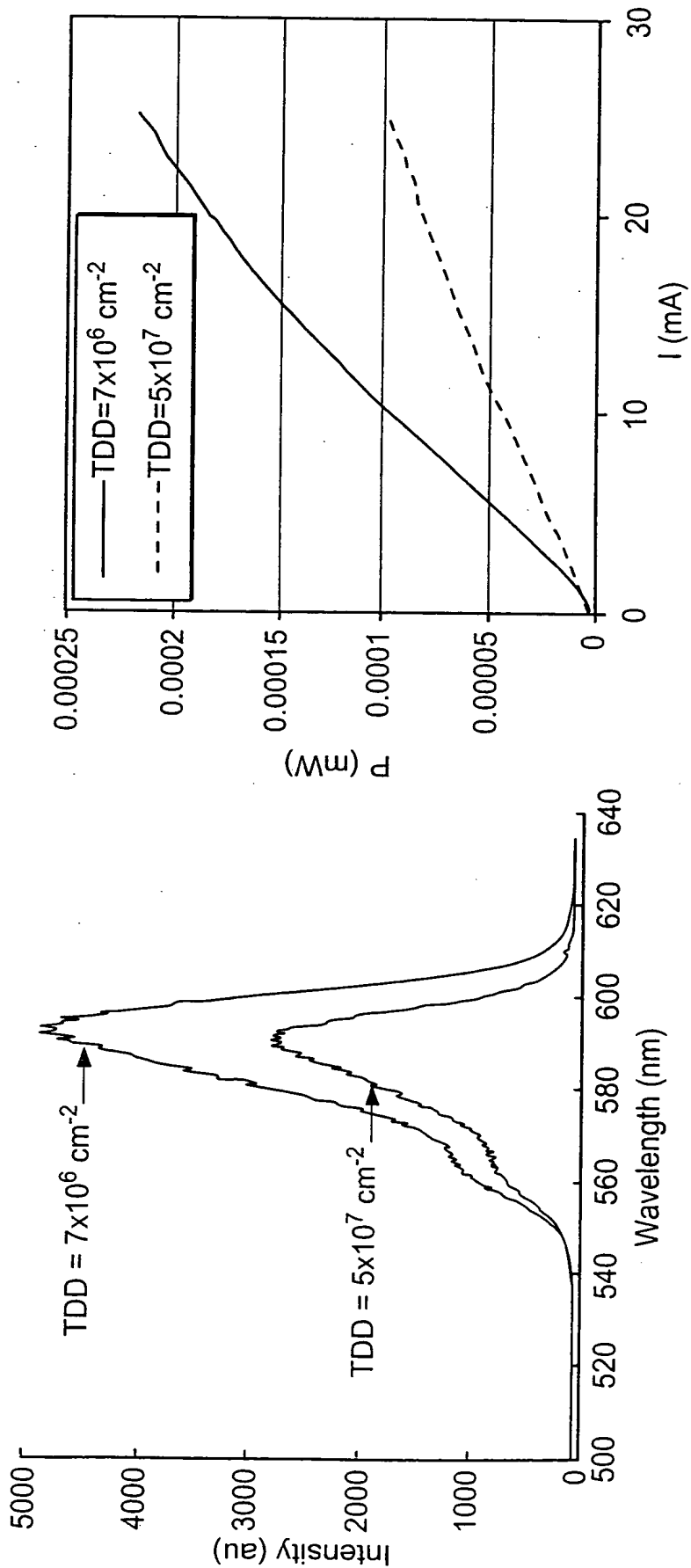
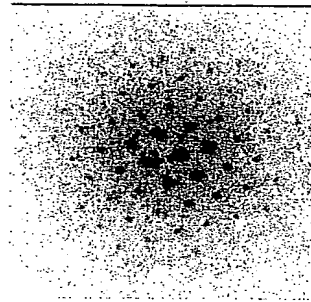


FIG. 8

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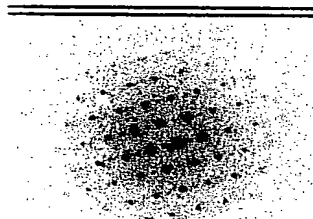


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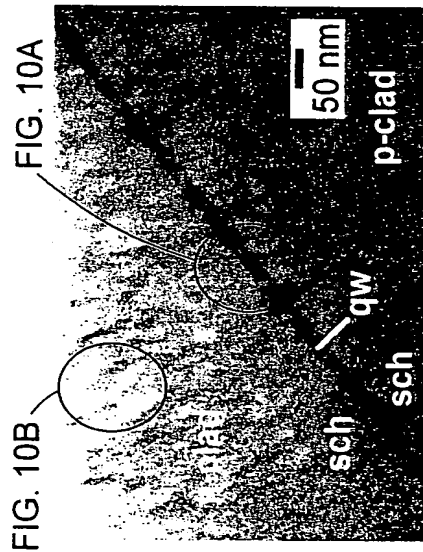
<110> pole figure

FIG. 10B



<110> pole figure

FIG. 10A



XTEM

$g = \langle 022 \rangle$

FIG. 10

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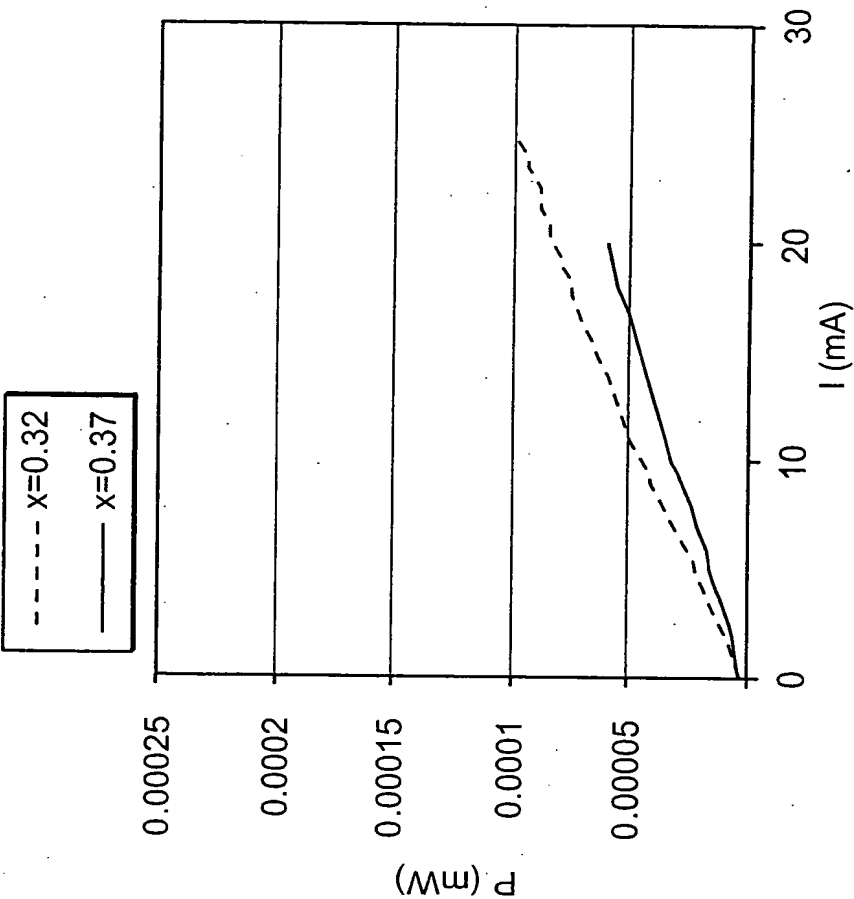


FIG. 11B

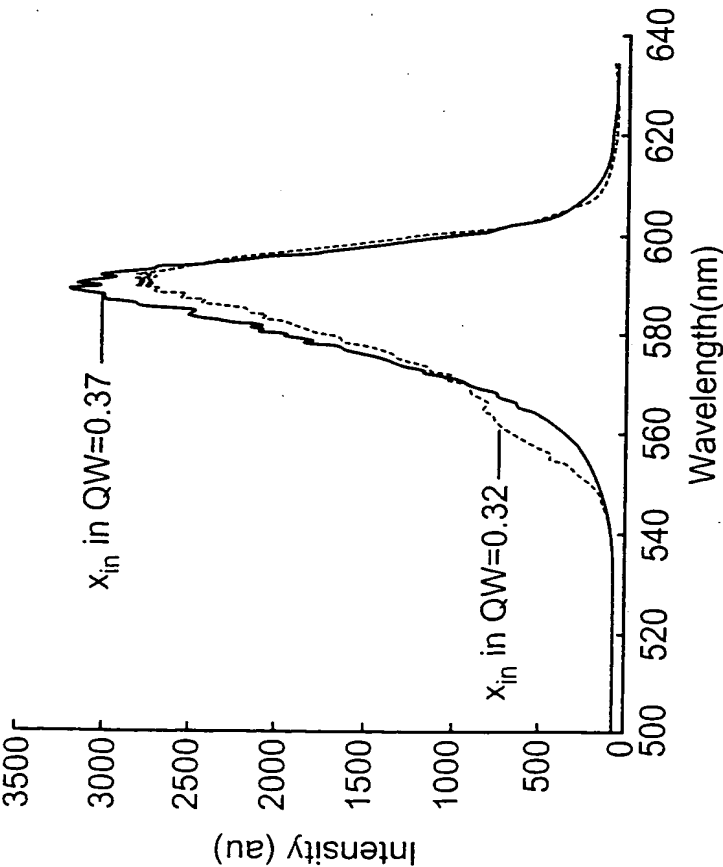


FIG. 11A

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x_{qw}	T_{qw} (°C)	$\rho_{TDD}(\text{cm}^{-2})$	Peak λ (nm)	Secondary λ (nm)	Power per facet @ 20mA (μW)
0.32	650	7×10^6	590	560	0.18
0.32	650	5×10^7	590	560	0.08
0.37	650	5×10^7	588	--	0.06

FIG. 12

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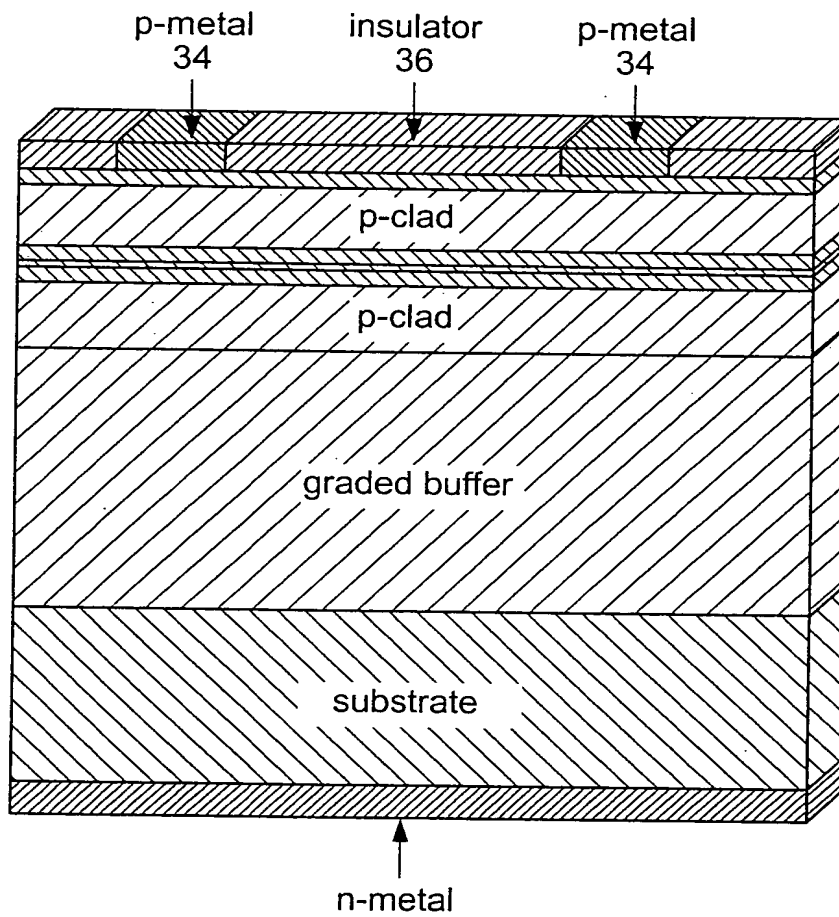


FIG. 13

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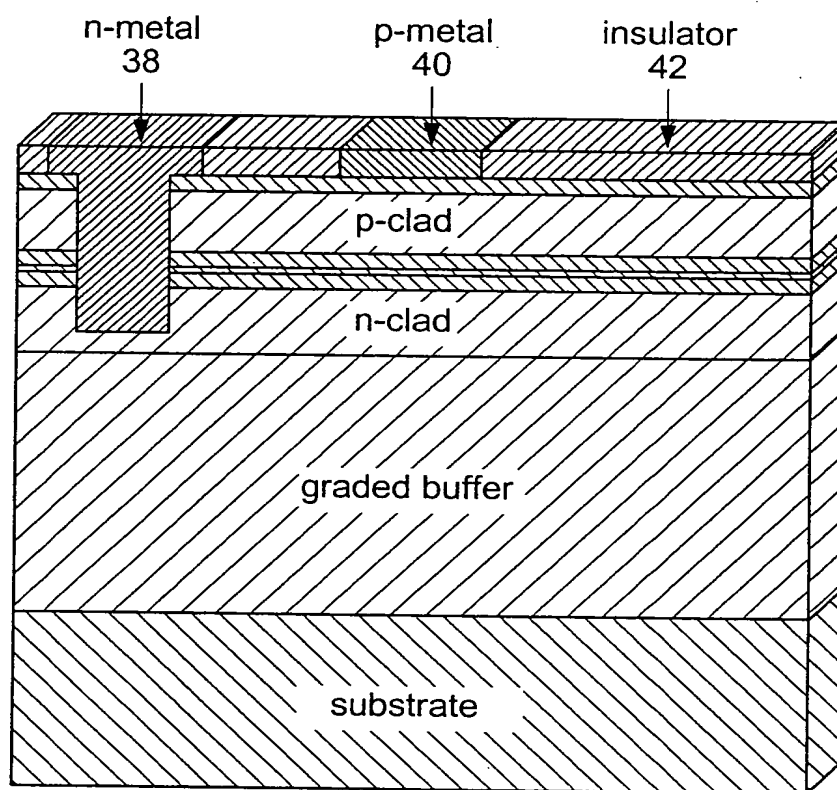


FIG. 14